

20年PCB Wifi BGA  
PCBSMT

BGA /

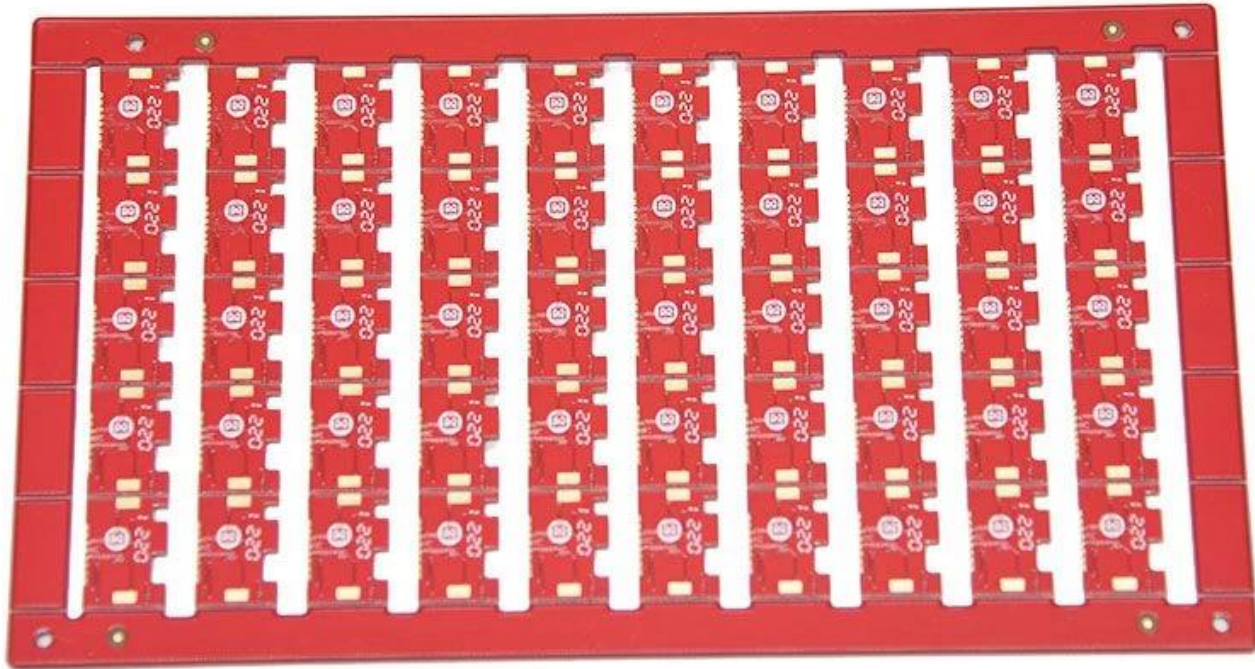


PRODUCT DESCRIPTION

TOP QUALITY PCBA

**O-LEADING**

To Be **Reliable**, To Be **Valuable**

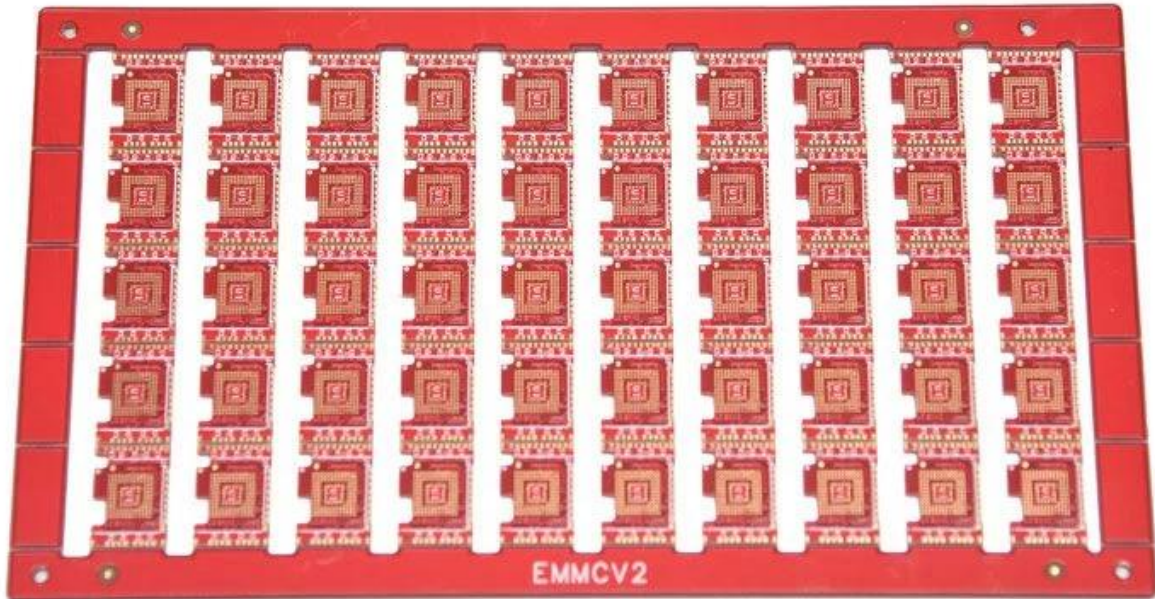


MAKE YOUR IDEA COME **TRUE**

TOP QUALITY PCBA

**O-LEADING**

To Be Reliable, To Be Valuable

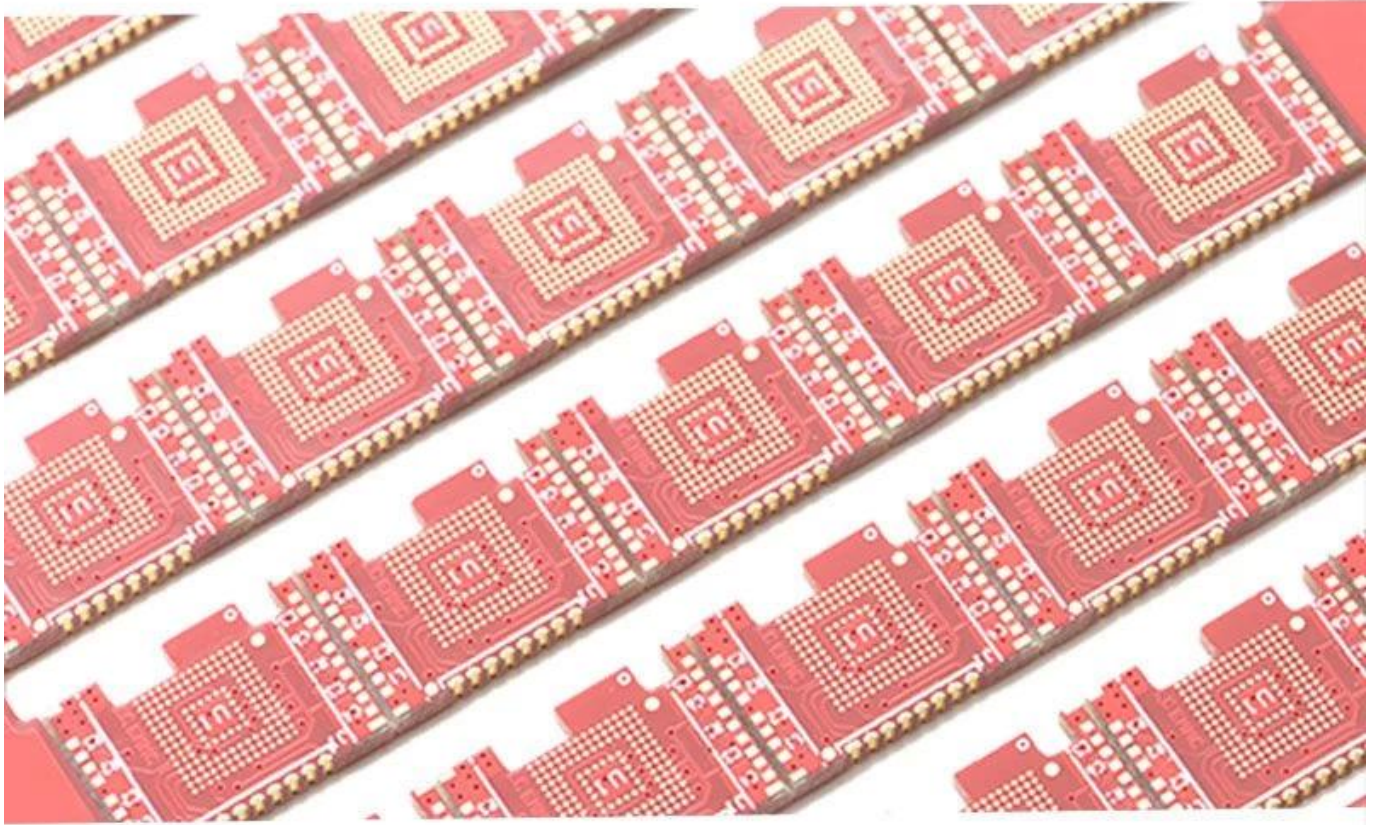


MAKE YOUR IDEA COME TRUE

TOP QUALITY PCBA

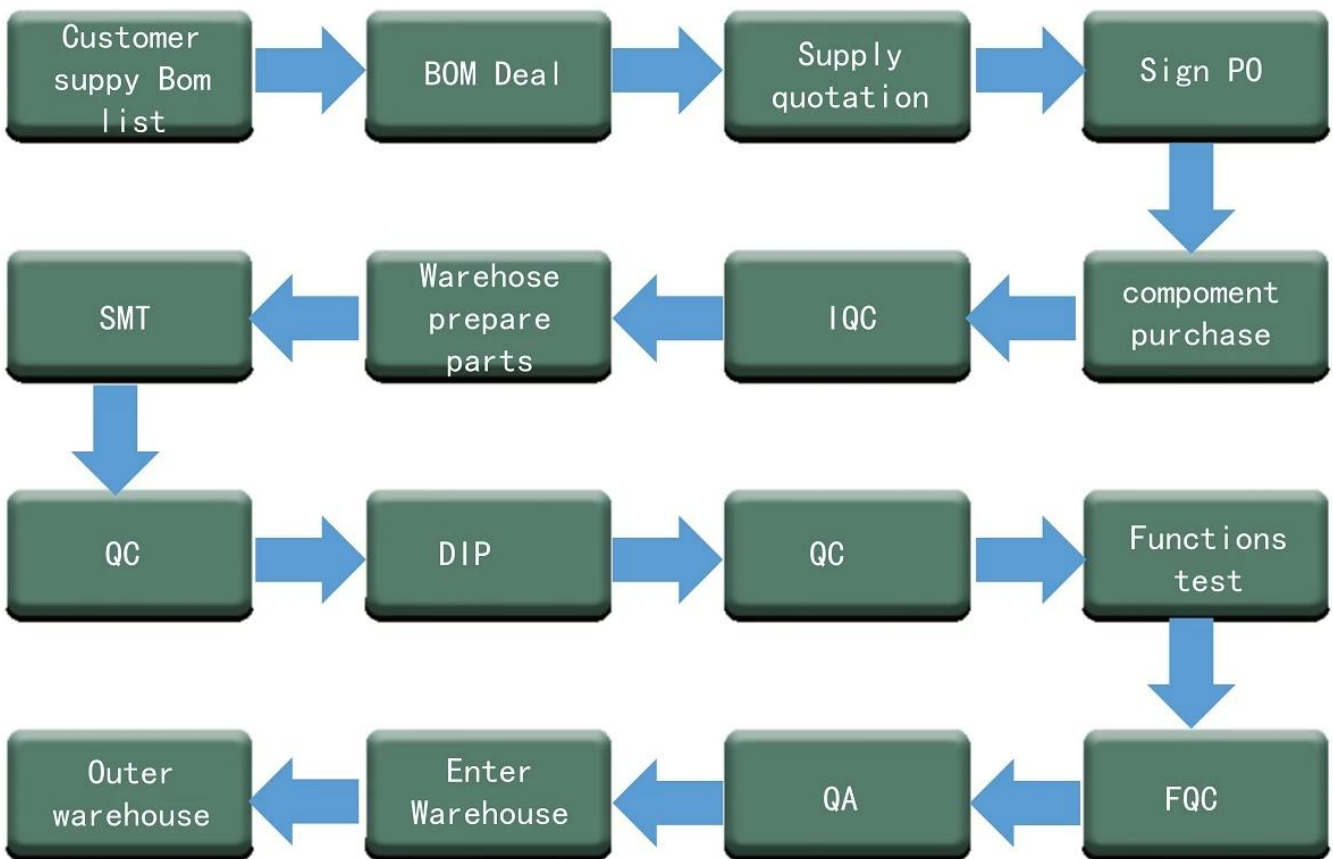
# O-LEADING

To Be Reliable, To Be Valuable

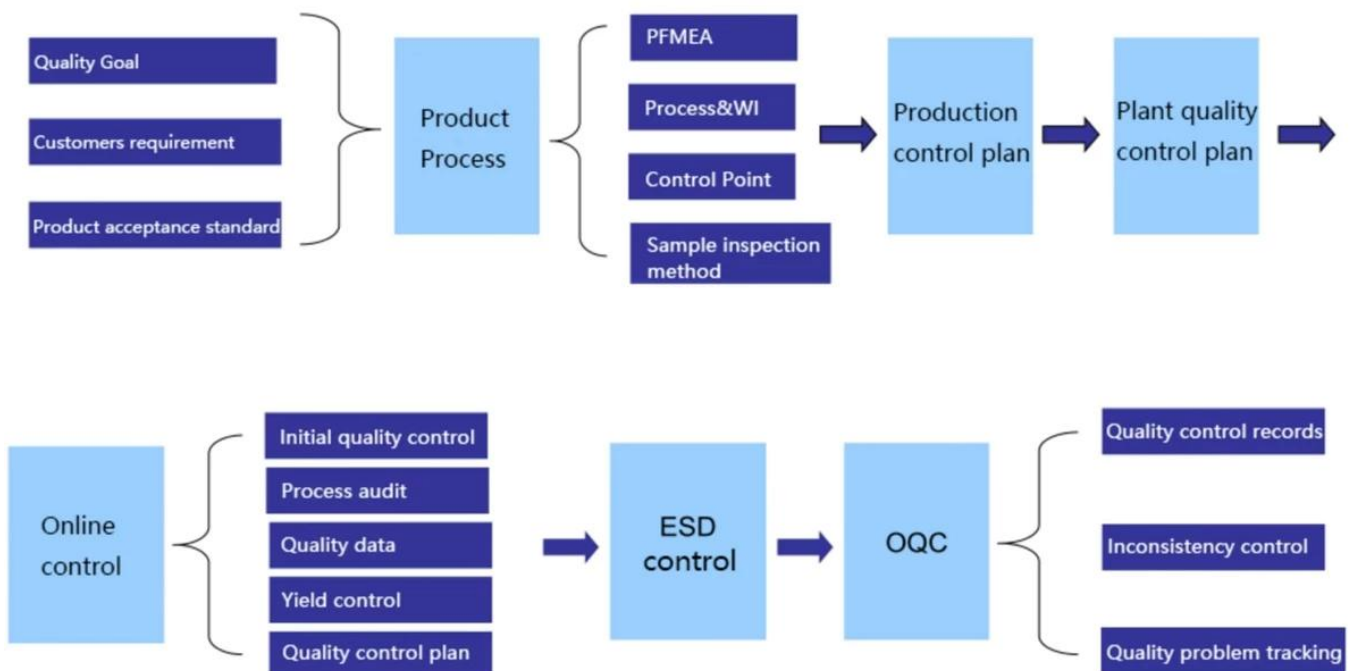


MAKE YOUR IDEA COME TRUE

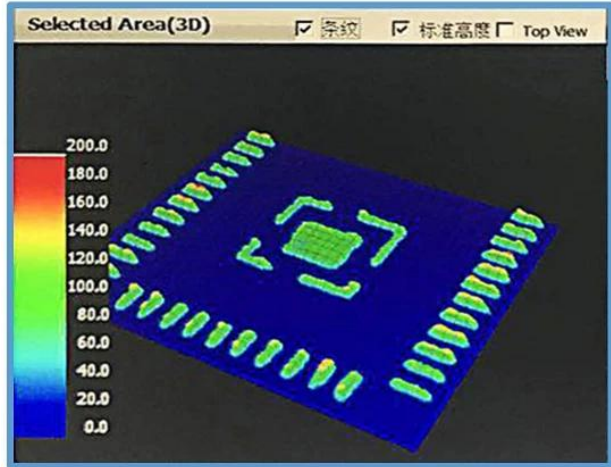
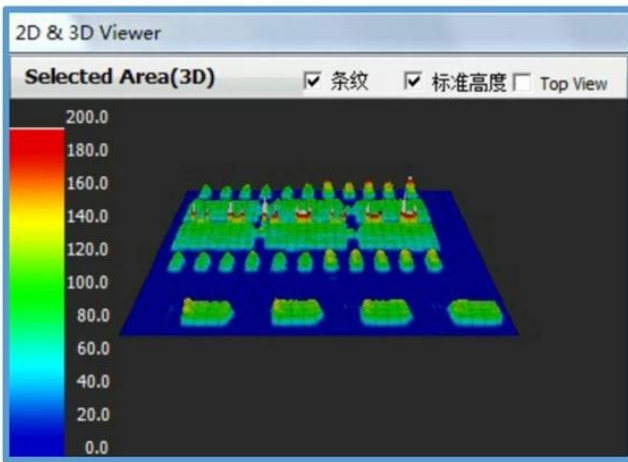
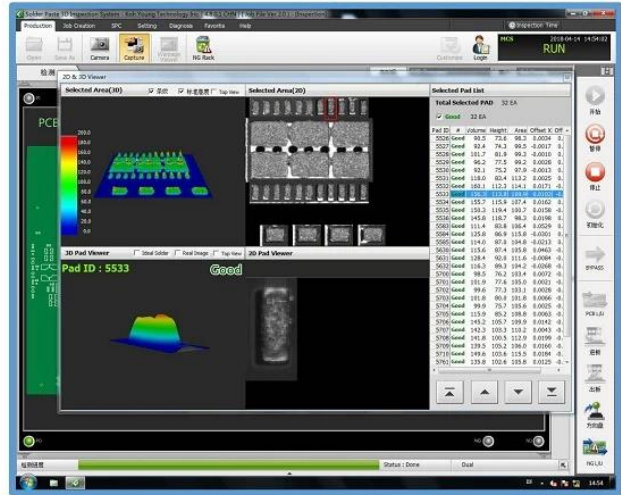
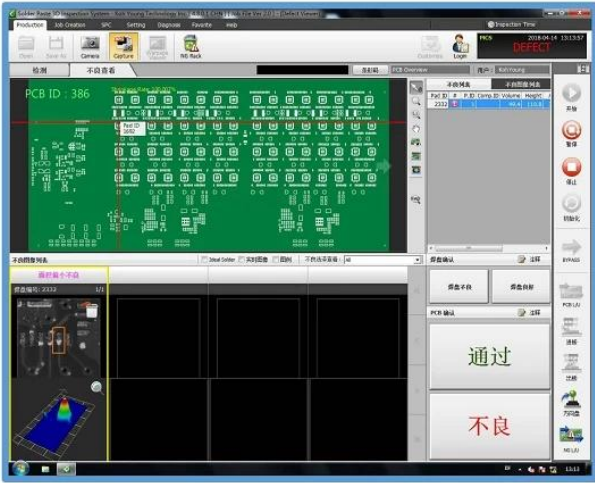
## Process Flow Chart



## Quality Control Process



# KOHOYOUNG solder pasteig check SPI Figure 3 d imaging



## APPLICATION



Engineering



PCB CAD Layout



Materials



Electro-Mechanical Assembly



Printed Circuit Board Assembly



Test Solutions



System Build



BGA & Board Repair



## WHY CHOOSE US?



TO BE  
**RELIABLE**



Quality first,  
Customer supreme,  
Scientific management,  
Striving for famous brand



TO BE  
**VALUABLE**



Science and technology  
keeps head,  
Put people first,  
Be precise and practical,  
Contribute sincerely



KEEP  
**LEADING**



There's a phrase in Buddhism,  
'Beginner's mind.'

It's wonderful to have a  
beginner's mind.



## COMPANY PROFILE



O-Leading strives to be your one stop solution partner in EMS supply chain, including PCB design, PCB fabrication and PCB assembly (PCBA). We provide some of the most advanced PCB technology, including HDI PCBs, multilayer PCBs, Rigid-Flexible PCBs. We can support from quick turn prototype to medium & mass Production. In general, our global customers are very impressed with our services: rapid response, competitive price and quality commitment. Providing more valuable technical service and overall solution is the way O-leading forward.



SGS

SGS

SGS

ISO

UL

Looking to the future, O-leading will concentrate on the innovation and development of electronics manufacturing technology as always, and make persistent efforts on PCB & PCBA one-stop service to provide first-class services and create more value for our customers. PCB Assembly manufacturer china.





PCB PCB PCA BGA X BGA IC PCB PCB



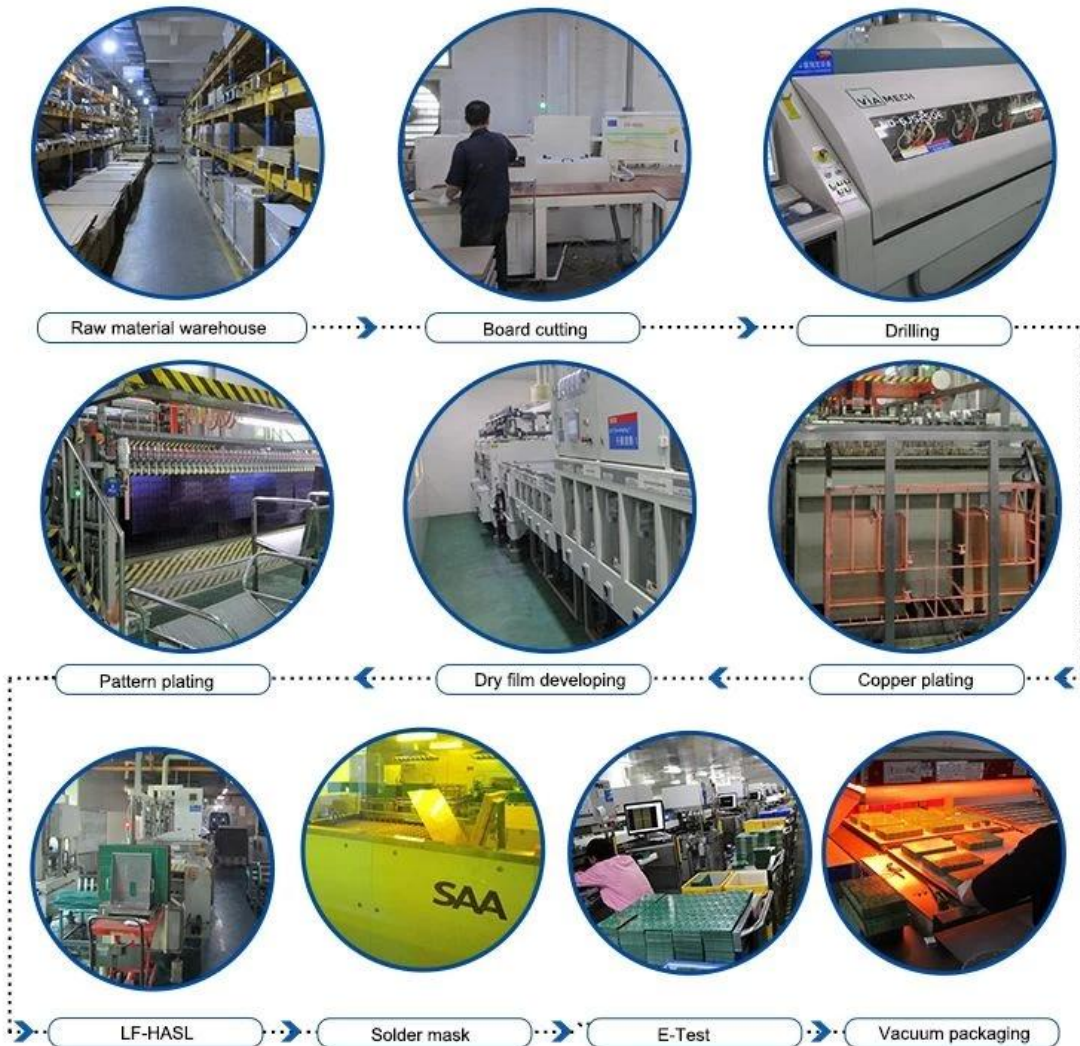
## PROCESS CAPABILITY

<b>PCB</b>	
Layer Count	1-32
Weight	1 / 3oz-12oz
Thickness	3.0mil / 3.0mil
Thickness	4.0mil / 4.0mil
Drill Size	10µ1
Thickness	0.2mm-5.0mm
Standard Size	635 * 1500mm
Thickness	4mil
Plated	+/- 3mil
Blind / Through Hole	Yes
Material	FR-4 FR-4high Tg
Surface Finish	HASL OSP ENIG HAL-LF
<b>SMT</b>	
PCB	FR-4 CEM-1 CEM-3 FPC
PCB Size	510x1500mm
PCB Size	50x50mm
PCB Thickness	0.5mm-4.5mm
Drill Size	0.5-4mm
Drill Size	0201
Drill Size	0603
Drill Size	15mm
Drill Size	0.3mm
BGA	0.4mm
Accuracy	+/- 0.03mm

## OUR EXHIBITION



## PRODUCTION PROCESS





# PRODUCTION LINE

## PCB PRODUCTION WORKSHOP



AUTOMATIC VACUUM PRESS MACHIN



DRILLING MA CHINE



PATTERN PLATING MACHINE



SCRUBBING MACHINE



DEVELOPING MACHINE



ROUTING MACHINE

## SMT PRODUCTION WORKSHOP



# OUR CUSTOMER REVIEWS



<p>订单编号: 49335463501024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>High quality usb power pcb , pcba manufacturer</b> ★★★★★ Fancy has done an excellent job, whenever we write, she answered us within 1 second, O-leading is very perfect with fast delivery, fast logistics, the most important thing is good quality, good packaging, thank you!</p> <p><a href="#">回复该评论</a></p> <p><b>oem customized rohs pcb drawing schematic s...</b> ★★★★★ We received the boards, the quality is very good, the price is very reasonable, Fancy is very nice &amp; smart &amp; experienced, the logistics is super fast, I will come to see more in the future.</p> <p><a href="#">回复该评论</a></p>	<p>订单编号: 4902411001024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>High TG180 FR-4 Circuit HDI PCB 94V0 Board ...</b> ★★★★★ This is a very difficult PCB design, but we are lucky to find O-leading to support the PCB for us, very good to go PCB supplier!</p> <p><b>universal FR4 Multilayer PCB washing machine...</b> ★★★★★ Fancy gives us very excellent service, very professional and experienced, O-leading is the best one of our suppliers, very happy to work with them.</p>
<p>订单编号: 49298271001024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>High TG180 FR-4 Circuit HDI PCB 94V0 Board ...</b> ★★★★★ perfect product, perfect PCB supplier!</p> <p><a href="#">回复该评论</a></p> <p><b>oem customized rohs pcb drawing schematic s...</b> ★★★★★ Very good and professional PCB product as usual!</p> <p><a href="#">回复该评论</a></p> <p><b>Strip LED Aluminum FR-4 lighting PCB board 9...</b> ★★★★★ High quality, fast delivery, good service, competitive price, lucky and happy to purchase from O-leading!</p> <p><a href="#">回复该评论</a></p>	<p>订单编号: 49024962001024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>High quality Keyboard pcb &amp; pcba Factory SMT...</b> ★★★★★ Top quality, it's the right choice to choose O-leading to make the PCB &amp; PCBA</p> <p><a href="#">回复该评论</a></p> <p>订单编号: 40938632501024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>Professional Printed Circuit Board Manufactur...</b> ★★★★★ Very high quality PCB products, O-leading is the best PCB supplier that we have ever worked with.</p> <p>订单编号: 44066794501024670</p> <p>供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)</p> <p><b>High TG180 FR-4 Circuit HDI PCB 94V0 Board ...</b> ★★★★★ We bought two batches, one by DHL, the other one by air, good quality and fast delivery!</p>

# LISTEN TO CUSTOMER VOICE

订单编号: 40903347501024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



Strip LED Aluminum FR-4 lighting PCB board 9...

★★★★★  
Very fast delivery! Fantastic, good job!!



Professional Printed Circuit Board Manufactur...

★★★★★  
Very happy to great support from O-leading,they are not only professional on the PCB, but also provide good PCBA products, very good supplier!!



hot sale rigid-flexible PCB with 0.2mm BGA an...

★★★★★  
very professional supplier.



High Quality custom FPCB/Flex PCB/FPC/Flexi...

★★★★★  
Good product



OEM ODM PCBA Bluetooth Wireless Marking G...

★★★★★  
high soldering quality



Electronic parts haptic pcba Circuit Board asse...

★★★★★  
Very Good product

订单编号: 37378603001024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



Raspberry pi 0 Zero Raspberry Pi Zero Pi W ver...

★★★★★  
Fantastic products!!



double layer pcb with red S/M and LF-HASL su...

★★★★★  
Good!

订单编号: 36919647001024670

供应商服务: 非常满意 (5 stars) 按时发货: 非常满意 (5 stars)



AML-S802 Quad-core Android embedded boar...

★★★★★  
Good products



Fast delivery low cost pcb fabrication O-leadi...

★★★★★  
Good supplier



Lidar IR Sensor board pcba(H08R6x)

★★★★★  
perfect product



Customized PCBA design PCB design

★★★★★  
perfect



Audio Speaker and Headphone Jack (H07R3x)

★★★★★  
High quality, good



half hole pcb, half hole pcb module, half hole m...

★★★★★  
Top half hole pcb supplier, very perfect goods



High Quality custom FPCB/Flex PCB/FPC/Flexi...

★★★★★  
this rigid-flexible pcb quality is perfect!



Electronic parts haptic pcba Circuit Board asse...

★★★★★  
Very satisfied with O-leading products and quality,especially their on-time delivery, fantastic!

Be **kind** to your client,  
because he has many choices,  
but he chooses you instead.



# FAQ

## 1. O-Leading

- 1.1 ISO 9001/2008
- 1.2
- 1.3 X-ray AOI ICT
- 1.4
- 1.5

## 2. O-Leading

10 2 3 4 31 O-Leading

## 3. O-Leading

FR4 TG Rogers Arlon Telfon PI

## 4. PCB PCBA

- 4.1 BOM
- 4.2 PCB
- 4.3 PCB PCBA
- 4.4
- 4.5

## 5. PCB

→ → AOI → → PTH → → → → E / T →

## 6. HDI

VCP LDI LDI

## 7. O-lead

O- ENIG OSP LF-HASL / HDI OSP ENIG OSP + ENIG BGAPAD 0.3mm OSP OSP + ENIG

## 8. FPC O-Leading SMT

O-Leading 8 FPC 2000mm \* 240mm SMT

## 9. PCB

- ;
- ;
- ;
- ;

PCB;  
;  
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**10. PCB PWB FPC**  
PCB  
PWB  
FPC Flexible Printed Board

**11. PCB**  
PCB  
Tg  
CTE  
PCB 50 250°C  
PCB  
PCB

**12. O-leading rigid-flex PCB**  
O-leading PCB FPC PCB  
;

**13.**  
SI6000 POLAR INSTRUMENTS CITS500s  
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